

ABSTRACT

The invention relates to a method for producing a flat strip in which a supporting fiber fabric comprised of a multitude of parallel aligned reinforcing fibers interwoven with transverse fibers is embedded in a binder matrix made of plastic. According to the invention, the supporting fiber fabric (38) is stiffened using a binder matrix made of thermoplastic material and is sealed against liquid penetration. In order to form the binder matrix, the supporting fiber fabric (38) can be pressed together with a film (40', 40'') made of thermoplastic material, heated and cooled again. In an alternative embodiment, the supporting fiber fabric (38) is firstly impregnated with a preferably aqueous thermoplastic suspension (52) and is subsequently heated while vaporizing the water and melting the thermoplastic material and is cooled again while forming the solidified binder matrix.

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